

FILE 'DPCI' ENTERED AT 22:24:53 ON 16 OCT 96

L34 9 S L21-L29  
L35 0 S IFIPAT  
L36 922 S L1-L35  
L37 293 S L36 AND CAM  
L38 153 S L36 AND ROTARY CAM  
L39 0 S L38 AND RECIPROCATING CONTACT  
L40 0 S L38 AND WELD?  
L41 278 S L36 AND WELD?  
L42 24 S L41 AND CONTACT WELD?  
L43 0 S L42 AND CAM?

FILE 'IFIPAT' ENTERED AT 22:43:12 ON 16 OCT 96

L44 6080 S L1-L32  
L45 1115 S L44 AND ROTARY CAM  
L46 0 S L45 AND CONTACT WELD

FILE 'USPATFULL' ENTERED AT 22:46:24 ON 16 OCT 96

L47 0 S L1  
L48 35 S L2  
L49 1 S L3  
L50 70 S L4  
L51 6317 S L5  
L52 659 S L6  
L53 2 S L7  
L54 0 S L8  
L55 0 S L9  
L56 0 S L10  
L57 4 S L11  
L58 5471 S L12  
L59 1 S L13  
L60 1 S L13  
L61 157 S L14  
L62 9 S L15  
L63 3118 S L16  
L64 0 S L17  
L65 0 S L18  
L66 1 S L19  
L67 1 S L20

14. 3,754,106, Aug. 21, 1973, PANEL DISPLAY SWITCH; Wayne A. MacDonald, 200/14, 11DA, 17R, 308 [IMAGE AVAILABLE]

15. 3,740,501, Jun. 19, 1973, MINIATURE OIL-TIGHT PUSH BUTTON AND SELECTOR SWITCH ASSEMBLY AND IMPROVED CONTACT UNIT THEREFOR; Rudolf H. Kiessling, et al., 200/16R, 16B, 253.1, 314; D13/171 [IMAGE AVAILABLE]

16. 3,735,059, May 22, 1973, SLIDING SWITCH ASSEMBLY WITH SPRING-BIASED CONTACT AND MULTI-SECTIONAL HOUSING; Karl Glaser, et al., 200/16C, 307 [IMAGE AVAILABLE]

17. 3,734,869, May 22, 1973, ROTARY SWITCH ASSEMBLY WITH ADJUSTABLE PROGRAMMING LIMIT MECHANISM; Edward A. Menard, et al., 200/11R, 11DA, 17R [IMAGE AVAILABLE]

18. 3,715,543, Feb. 6, 1973, ROTARY ELECTRICAL SWITCHING CONTACT ASSEMBLY WITH HOLLOW INSULATING ARC BARRIER; August I. Keto, et al., 218/117; 200/567 [IMAGE AVAILABLE]

19. 3,710,048, Jan. 9, 1973, MOTOR VEHICLE PLUNGER TYPE SWITCH UNIT WITH SELF-ADJUSTING SHAFT COUPLING CONNECTION; Cecil W. Schumacher, 200/52R, 16B, 17R, 61.81, 61.89 [IMAGE AVAILABLE]

20. 3,621,157, Nov. 16, 1971, MINIATURE SWITCH WITH MULTIPLE CAM-OPERATED SWITCH CONTACTS; Pierre P. Schwab, 200/569, 6BB, 307; 361/767; 439/68 [IMAGE AVAILABLE]

21. 3,614,363, Oct. 19, 1971, CAM SWITCH UNIT; Teizo Fujita, 200/303, 280, 307 [IMAGE AVAILABLE]

22. 3,560,671, Feb. 2, 1971, ELECTRICAL SWITCH WITH IMPROVED OPERATING MEANS; Edward Cryer, 200/6R, 17R [IMAGE AVAILABLE]

1. 4,724,287, Feb. 9, 1988, Versatile multideck rotary switch; Jean-Paul Heng, et al., 200/14, 6B, 307, 568 [IMAGE AVAILABLE]

2. 3,743,799, Jul. 3, 1973, SELECTOR SWITCH MECHANISM WITH ADJUSTABLE RADIAL CAM INSERT MEMBERS HAVING CIRCUMFERENTIAL OVERLAP FLANGE; Gordon H. Cork, et al., 200/6B; 74/568R; 200/8R [IMAGE AVAILABLE]

=>

(FILE 'HOME' ENTERED AT 21:07:16 ON 16 OCT 96)

INDEX 'CAPLUS, APIPAT, CROPU, DGENE, DPCI, IFIPAT, INPADOC, JAPIO,  
PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PIRA, RAPRA,  
USPATFULL, WPIDS, WPINDEX' ENTERED AT 21:07:37 ON 16 OCT 96  
SEA ROTARY CAM# AND RECIPROCAT? CONTACT#

L1

QUE ROTARY CAM# AND RECIPROCAT? CONTACT#

SEA CAMS AND CONTACT BLOCK

1 FILE IFIPAT  
35 FILE USPATFULL  
7 FILE WPIDS  
7 FILE WPINDEX

L2

QUE CAMS AND CONTACT BLOCK

SEA ROTARY CAM AND L2

L3

1 FILE USPATFULL  
QUE ROTARY CAM AND L2

SEA CONTACT WELD

10 FILE CAPLUS  
4 FILE DPCI  
15 FILE IFIPAT  
8 FILE INPADOC  
4 FILE JAPIO  
1 FILE PATOSEP  
12 FILE RAPRA  
70 FILE USPATFULL  
586 FILE WPIDS  
586 FILE WPINDEX

L4

QUE CONTACT WELD

SEA WELD? (5A) CONTACT

1037 FILE CAPLUS  
30 FILE APIPAT  
273 FILE DPCI  
1629 FILE IFIPAT  
553 FILE INPADOC  
2145 FILE JAPIO  
6 FILE PAPERCHEM2  
180 FILE PATOSEP  
49 FILE PATOSWO  
15 FILE PIRA  
54 FILE RAPRA  
6316 FILE USPATFULL  
5663 FILE WPIDS  
5663 FILE WPINDEX

L5

QUE WELD? (5A) CONTACT

SEA L5 AND CAM

1 FILE APIPAT  
61 FILE IFIPAT  
20 FILE JAPIO  
3 FILE PATOSEP  
659 FILE USPATFULL

L6  
109 FILE WPIDS  
109 FILE WPINDEX  
QUE L5 AND CAM

-----  
SEA L6 AND CONTACT BLOCK

L7  
2 FILE USPATFULL  
QUE L6 AND CONTACT BLOCK

-----  
SEA INVERTER BYPASS SAFETY SWITCH

L8  
QUE INVERTER BYPASS SAFETY SWITCH

-----  
SEA PANUCE, DONALD G./AU

L9  
QUE PANUCE, DONALD G./AU

-----  
SEA PANUCE, D./AU

L10  
QUE PANUCE, D./AU

-----  
SEA BYPASS SAFETY SWITCH

L11  
1 FILE IFIPAT  
1 FILE INPADOC  
4 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE BYPASS SAFETY SWITCH

-----  
SEA ROTATABLE CAM OR ROTARY CAM

8 FILE CAPLUS  
2 FILE APIPAT  
287 FILE DPCI  
3067 FILE IFIPAT  
107 FILE INPADOC  
460 FILE JAPIO  
3 FILE PAPERCHEM2  
127 FILE PATOSEP  
36 FILE PATOSWO  
12 FILE PIRA  
3 FILE RAPRA  
5471 FILE USPATFULL  
1453 FILE WPIDS  
1453 FILE WPINDEX

L12  
QUE ROTATABLE CAM OR ROTARY CAM

-----  
SEA CONTACT POINT AND SILVER CADMIUM OXIDE

2 FILE CAPLUS  
2 FILE JAPIO  
1 FILE USPATFULL  
10 FILE WPIDS  
10 FILE WPINDEX

L13  
QUE CONTACT POINT AND SILVER CADMIUM OXIDE

-----  
SEA CONTACT AND SILVER CADMIUM OXIDE

335 FILE CAPLUS  
14 FILE DPCI  
61 FILE IFIPAT

26 FILE INPDOC  
22 FILE JAPIO  
1 FILE PATOSEP  
157 FILE USPATFULL  
149 FILE WPIDS  
149 FILE WPINDEX  
L14 QUE CONTACT AND SILVER CADMIUM OXIDE

-----  
SEA (BYPASS (2A) SAFETY) (W) SWITCH

1 FILE IFIPAT  
2 FILE INPADOC  
1 FILE JAPIO  
9 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX

L15 QUE (BYPASS (2A) SAFETY) (W) SWITCH

-----  
SEA SAFETY SWITCH

15 FILE CAPLUS  
2 FILE APIPAT  
333 FILE DPCI  
1002 FILE IFIPAT  
613 FILE INPADOC  
396 FILE JAPIO  
6 FILE PAPERCHEM2  
97 FILE PATOSEP  
50 FILE PATOSWO  
3 FILE PIRA  
7 FILE RAPRA  
3118 FILE USPATFULL  
1419 FILE WPIDS  
1419 FILE WPINDEX

L16 QUE SAFETY SWITCH

-----  
SEA L16 AND MOTOR AND (FUSE BLOCK OR FUSEBLOCK)

-----  
QUE L16 AND MOTOR AND (FUSE BLOCK OR FUSEBLOCK)

-----  
SEA US2326070/PN

-----  
QUE US2326070/PN

-----  
SEA US3614461/PN

1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL

L19 QUE US3614461/PN

-----  
SEA US3753069/PN

1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL

L20 QUE US3753069/PN

-----  
SEA US4157461/PN

-----  
1 FILE DPCI  
1 FILE IFIPAT

1 FILE INPDOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
L21 QUE US4157461/PN

-----  
SEA US4295054/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US4295054/PN

-----  
SEA US4371820/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US4371820/PN

-----  
SEA US4398097/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US4398097/PN

-----  
SEA US4423336/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US4423336/PN

-----  
SEA US4760278/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US4760278/PN

-----  
SEA US5048366/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL

1 FILE WP1S  
1 FILE WPINDEX  
QUE US5048366/PN

-----  
SEA US5081367/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US5081367/PN

-----  
SEA US5200586/PN

1 FILE DPCI  
1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US5200586/PN

-----  
SEA US5278369/PN

1 FILE IFIPAT  
1 FILE INPADOC  
1 FILE USPATFULL  
1 FILE WPIDS  
1 FILE WPINDEX  
QUE US5278369/PN

-----  
SEA BYPASS SWITCH

4 FILE CAPLUS  
9 FILE DPCI  
235 FILE IFIPAT  
57 FILE INPADOC  
105 FILE JAPIO  
2 FILE PAPERCHEM2  
13 FILE PATOSEP  
5 FILE PATOSWO  
3 FILE PIRA  
956 FILE USPATFULL  
111 FILE WPIDS  
111 FILE WPINDEX  
QUE BYPASS SWITCH

-----  
SEA WELD? AND MOVABLE CONTACT# AND (FIXED OR STATIONARY) (

1 FILE CAPLUS  
168 FILE IFIPAT  
52 FILE JAPIO  
15 FILE PATOSEP  
1 FILE PATOSWO  
1861 FILE USPATFULL  
123 FILE WPIDS  
123 FILE WPINDEX

-----  
QUE WELD? AND MOVABLE CONTACT# AND (FIXED OR STATIONARY) (

-----  
SEA L31 AND L32

L27

L28

L29

L30

L31

L32

L33

-----  
1 FILE IFPAT  
6 FILE USPATFULL  
QUE L31 AND L32  
-----

TI Modular camshaft with removable cams, particularly for circuit breakers and electrical changeover switches or the like

NCL NCLM: 074/567.000

NCLS: 074/568.000R; 123/090.340; 403/359.000

L68 ANSWER 5 OF 10 USPATFULL

PI US 4760278 880726

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TI Transfer switch

NCL NCLM: 307/064.000

NCLS: 200/018.000; 200/050.370

L68 ANSWER 6 OF 10 USPATFULL

PI US 4423336 831227

<--

TI Electromechanically controlled automatic transfer switch and bypass switch assembly

NCL NCLM: 307/064.000

L68 ANSWER 7 OF 10 USPATFULL

PI US 4398097 830809

<--

TI Automatic transfer switch

NCL NCLM: 307/064.000

L68 ANSWER 8 OF 10 USPATFULL

PI US 4371820 830201

<--

TI Rotary line transfer switch

NCL NCLM: 318/468.000

NCLS: 200/501.000; 318/440.000

L68 ANSWER 9 OF 10 USPATFULL

PI US 4295054 811013

<--

TI Electric control system with rotary mechanical interlock and timing mechanism

NCL NCLM: 307/080.000

NCLS: 200/050.340

L68 ANSWER 10 OF 10 USPATFULL

PI US 4157461 790605

<--

TI Automatic transfer switch and bypass switch arrangement

NCL NCLM: 200/018.000

NCLS: 200/050.260; 307/064.000

L66 1 US3614461/PN

L67 1 US3753069/PN

1 US4157461/PN  
1 US4295054/PN  
1 US4371820/PN  
1 US4398097/PN  
1 US4423336/PN  
1 US4760278/PN  
1 US5048366/PN  
1 US5081367/PN  
1 US5200586/PN  
1 US5278369/PN

L68 10 (L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27 OR L28 OR L29 OR L30)

=> D L66 PI, TI, NCL; D L67 PI, TI, NCL; D L68 1-10 PI, TI, NCL

L66 ANSWER 1 OF 1 USPATFULL

PI US 3614461 711019

<--

TI CIRCUIT FOR KEEPING THE FREQUENCY OF AN INVERTER SYNCHRONIZED WITH  
THE FREQUENCY OF ANOTHER SOURCE

NCL NCLM: 307/064.000

NCLS: 307/066.000; 307/087.000; 363/034.000

L67 ANSWER 1 OF 1 USPATFULL

PI US 3753069 730814

<--

TI START-UP SYSTEM FOR INVERTER DRIVEN MOTOR INCLUDING INVERTER  
BYPASS CIRCUITRY

NCL NCLM: 318/440.000

NCLS: 307/064.000; 318/136.000; 318/778.000; 363/049.000

L68 ANSWER 1 OF 10 USPATFULL

PI US 5278369 940111

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TI Electrical operating device with contact-holding slider in two  
parts

NCL NCLM: 200/243.000

NCLS: 200/016.000A; 200/247.000

L68 ANSWER 2 OF 10 USPATFULL

PI US 5200586 930406

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TI Five gear isolating mechanism for bypass isolation switches

NCL NCLM: 200/050.320

NCLS: 200/018.000; 307/064.000

L68 ANSWER 3 OF 10 USPATFULL

PI US 5081367 920114

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TI Electric power system with maintenance bypass for uninterruptible  
power supply using closed transition operation

NCL NCLM: 307/064.000

NCLS: 307/085.000

L68 ANSWER 4 OF 10 USPATFULL

PI US 5048366 910917

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